

Fig.

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When the speed pattern preparation cycle is 8m sec: Fig. 2(a) Speed data maximum value = 245752500 (unit: min) Minimum resolution = 0.11 (unit: min) Decimal part (16 bits) Speed data (32 bits) Integer part (16bits)

When the speed pattern preparation cycle is 64m sec:

Minimum resolution = 0.11 (unit: min) Decimal part (13 bits) Speed data (32 bits) Integer part (19 bits)

Speed data maximum value = 245759062 (unit: min)

Fig. 3(a) When the speed pattern preparation cycle is 8m sec: (Prior Art)

Speed data maximum value = 245752500 (unit: min) Minimum resolution = 0.11 (unit: min)

Speed data (32 bits)

Integer part (16 bits)

Decimal part (16 bits)

Fig. 3(b) When the speed pattern preparation cycle is 64m sec: (Prior Art)

Speed data maximum value = 30719062 (unit: min) Minimum resolution = 0.014 (unit: min)

Speed data (32 bits)

Decimal part (16 bits)

Integer part (16 bits)